Crosscutting Programs

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Ask Early, Ask Often!

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National Science Foundation
W H E R E   D I S C O V E R I E S   B E G I N

Funding

Funding

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Crosscutting and NSF-wide Active Funding Opportunities

This site provides program information for activities sponsored by more than one NSF organization. In addition, all NSF organizations accept proposals that cut across organizational and programmatic boundaries. We suggest that those seeking support for interdisciplinary work not described here consult the NSF program site(s) closest to the science, engineering or education focus of the planned work and contact relevant program officers to discuss submission of a proposal.

Sorted by Title. Click column headings to sort.

XML | What is this?

Key: C Crosscutting | N NSF-wide | G Grants.gov submission required

Title	Program Guidelines	Due Dates
Active Nanostructures and Nanosystems (ANN) (ANN) C	**06-595**	
ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers C N	**05-584**	Waiting for new publication
Advanced Learning Technologies (ALT) C	**06-535**	Full Proposal: April 25, 2007 G
Assembling the Tree of Life (ATOL) C	**07-535**	Full Proposal: March 16, 2007
Carbon and Water in the Earth System C N	**06-514**	

Programs for Specific Groups/Purposes

- Grant Opportunities for Academic Liaison with Industry (GOALI)

- Research in Undergraduate Institutions (RUI)

- Major Research Instrumentation (MRI)

- Integrative Graduate Education and Research Traineeship (IGERT)

- Faculty Early Career Development Program (CAREER)

- Research Experiences for Undergraduates (REU)

- NSF Graduate Teaching Fellows in K-12 Education

- ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

- Human and Social Dynamics (HSD)

Grant Opportunities for Academic Liaison with Industry (GOALI)

- Program Solicitation: NSF-07-522

- Program Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13706&from=fund

- Contact disciplines for deadlines & contact information

Grant Opportunities for Academic Liaison with Industry (GOALI)

- Program Goals:
  - Synergize university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages.
  - Targets high-risk/high-gain research with a focus on fundamental topics, new approaches to solving generic problems, development of innovative collaborative industry-university educational programs, and direct transfer of new knowledge between academe and industry.
  - Seeks to fund research that lies beyond that which industry would normally fund by themselves

Grant Opportunities for Academic Liaison with Industry (GOALI)

- Eligibility Information:
  - U.S. institutions of higher education that confer degrees in research areas normally supported by NSF.
  - Proposals may only be submitted on behalf of faculty members with full-time appointments.
  - Federal laboratories and agencies, national labs, and non-profit organizations are encouraged to participate in three-way collaborations that also include the university and industry.
  - For fellowships/traineeships, only U.S. citizens, nationals, or permanent residents are eligible to apply for support under this program.
  - Only one proposal to NSF will be accepted per PI per fiscal year for GOALI consideration.

Grant Opportunities for Academic Liaison with Industry (GOALI)

- Award Information:
  - Anticipated Type of Award: Standard Grant, Continuing Grant, Fellowship, or Supplement to Existing Award

  - Estimated Number of Awards: 60 to 80   awards.

  - Anticipated Funding Amount: $5,000,000   total expected from all participating directorates.

Major Research Instrumentation (MRI)

- Program Solicitation: NSF-07-510

- Program Website:
  http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5260&from=fund

- Deadlines: **Fourth Thursday in January**

- Contact Information:
  - Phone: (703) 292-8040
  - E-mail: mri@nsf.gov

Major Research Instrumentation (MRI)

- Program Goals:
  - Increase access to scientific and engineering equipment for research and research training in our Nation's organizations of higher education, research museums and non-profit research organizations.
  - Improve the quality and expand the scope of research and research training in science and engineering, and to foster the integration of research and education by providing instrumentation for research-intensive learning environments.

Major Research Instrumentation (MRI)

Eligibility Information:

- Proposals may only be submitted by the following:
  - US colleges, universities and organizations of higher education located in the US, its territories and possessions.
  - US independent research museums located in the US, its territories and possessions.
  - Consortia whose members consist only of organizations described in items (1) and (2)
  - US independent nonprofit research organizations located in the US, its territories and possessions.
  - US small businesses located in the US, its territories and possessions are eligible for instrument development support as private sector partners with submitting organizations; they may not submit proposals as a lead organization.

Major Research Instrumentation (MRI)

- Both of the following conditions must be met or proposal(s) will be returned without review:
  - An organization may submit or be included as a partner or subawardee in no more than three proposals.
  - If an organization submits or is included as a partner or subawardee in three proposals, at least one of the three proposals must be for instrument development.

Major Research Instrumentation (MRI)

- Award Information:
  - Anticipated Type of Award: Standard Grant
  - Estimated Number of Awards: 220
  - Anticipated Funding
    Amount: $90,000,000

Integrative Graduate Education and Research Traineeship (IGERT)

- Program Solicitation: NSF 07-540

- Program Website:
  http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12759&from=fund

- Deadlines:
  - Preliminary Proposal: April 5, 2007
  - Full Proposal (Invitation Only): October 5, 2007

- Contact Information:
  - Coordinating Committee members are listed at:
  http://www.nsf.gov/crssprgm/igert/cc.jsp

Integrative Graduate Education and Research Traineeship (IGERT)

- Program Goals:
  - Meet the challenges of educating U.S. Ph.D. scientists and engineers who will pursue careers in research and education with the interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills to become, in their own careers, leaders and creative agents for change.
  - Catalyze a cultural change in graduate education, for students, faculty, and institutions, by establishing innovative models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries.
  - Contribute to a world-class, broadly inclusive, and globally engaged science and engineering workforce.

Integrative Graduate Education and Research Traineeship (IGERT)

- Eligibility Information:
  - U.S. academic institutions in the United States, its territories or possessions that grant the Ph.D. degree in the sciences and engineering may submit proposals.
  - Projects may involve more than one institution, but a single institution must accept overall management responsibility.
  - Non-Ph.D. granting institutions, nonacademic, and international organizations may serve as collaborating organizations.
  - The PI must be on the faculty of the submitting institution.

Integrative Graduate Education and Research Traineeship (IGERT)

- Additional Eligibility Information:
  - There is a limit of four (4) preliminary proposals that may be submitted by an institution either as a single institution or as a lead institution in a multi-institution preliminary proposal.
  - There is a limit of three (3) full proposals that may be submitted (By Invitation Only based on the outcome of the preliminary proposal competition) by an institution either as a single institution or lead institution in a multi-institution full proposal.
  - One may participate as PI or co-PI in only one proposal submission. That restriction applies to preliminary proposals as well as full proposals. A PI or co-PI on one proposal may serve as non-senior personnel on other proposals.

Integrative Graduate Education and Research Traineeship (IGERT)

- Award Information:
  - Anticipated Type of Award: Continuing Grant
  - Estimated Number of Awards: 20 new and renewal awards, depending upon the quality of proposals and availability of funds
  - Anticipated Funding Amount: $12,000,000   - Up to $3.0M per award over 5 years. For new awards in first year up to $400K and additional $200K for start-up. In addition for new/renewal awards up to $200K total per award for approx. 10 projects with integrated international research activities in Years 2 - 5.

Faculty Early Career Development Program (CAREER)

- Program Solicitation: NSF 05-579

- Website:
  http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5262

- Deadlines:
  - BIO/CISE/EHR: July 17, 2007
  - ENG: July 18, 2007
  - GEO/MPS/SBE/OPP: July 19, 2007

- Contact Information:
  - Division CAREER contacts listed on the CAREER Web page:
  http://www.nsf.gov/crssprgm/career/contacts.jsp

Faculty Early Career Development Program (CAREER)

- CAREER Program Goals:
    - Strongly encourage new faculty, emphasizing planning of an integrated academic career
    - Develop faculty who are both highly productive researchers and dedicated, effective educators
    - Form partnership with college or university to encourage balanced career development of individual faculty
    - Increase participation of women, members of underrepresented minority groups, and persons with disabilities

Faculty Early Career Development Program (CAREER)

- Individual eligibility:

- By July deadline:
  - Hold a doctoral degree in a STEM field supported by NSF
  - Be untenured
  - Have not previously gotten a CAREER or PECASE award

- By October 1st after July Submission
  - Be employed in a tenure track position (or equivalent)
  - Have title of Assistant Professor (or equivalent)

- Proposers may submit only one CAREER proposal per competition, and only participate in three CAREER competitions.

Faculty Early Career Development Program (CAREER)

- Eligibility Information:
  - Proposals may be submitted by academic institutions in the U.S., its territories or possessions, and the Commonwealth of Puerto Rico, that award degrees in a field supported by NSF.
  - Non-profit, non-degree-granting organizations such as museums, observatories or research labs may also be eligible to submit proposals, if the eligibility requirements of the PI's position are satisfied.
  - There is no limit on the number of proposals that an organization may submit. However, each Principal Investigator may only submit one CAREER proposal per annual competition. In addition, Principal Investigators may not participate in more than three annual competitions.

Faculty Early Career Development Program (CAREER)

- Award Information:
  - Anticipated Type of Award: Standard or Continuing Grant
  - Estimated Number of Awards: 300 to 400
  - Anticipated Funding Amount: $85,000,000

Research Experiences for Undergraduates (REU)

- Program Solicitation: NSF 05-592 (New solicitation under development)

- Program Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id =5517&from=fund

- Deadlines:
  - REU Sites: August 17, 2006
  - REU Sites (Antarctic Program): June 6, 2007
  - REU Supplements: Contact Discipline

- Contact Information: http://www.nsf.gov/crssprgm/reu/reu_contacts.jsp

Research Experiences for Undergraduates (REU)

REU Sites

- Program Goals:
  - Initiate and conduct undergraduate research-participation projects
  - Create research environment with strong faculty-student interaction

- Recruitment:
  - Significant percentage of students from outside host institution

Research Experiences for Undergraduates (REU)

REU Supplements

- Goal:
  - Attract undergraduates into science by providing an active research experience

- Guidelines:
  - Add one or two students to an active ongoing project
  - Must be U.S. citizen or permanent resident
  - No indirect costs (administrative allowance of 25% of student stipend)
  - Awards 6K
  - Ask Program Officer about due dates

Research Experiences for Undergraduates (REU)

- Award Information:
  - Anticipated Type of Award: Standard or Continuing Grant or Cooperative Agreement
  - Estimated Number of Awards: 1700 to 1800 - This estimate includes approximately 150 new Site awards and 1,600 new Supplement awards each year.
  - Anticipated Funding Amount: $33,000,000 in FY2006 - This estimate includes both Sites and Supplements.

Research in Undergraduate Institutions (RUI)

- Program Solicitation: NSF 00-144

- Program Website:
  http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5518&from=fund

- Contact discipline for deadlines and contact information

Research in Undergraduate Institutions (RUI)

- Program Goals:
  - Support high quality research with active involvement of undergraduates.
  - Strengthen the research environment in undergraduate institutions.
  - Promote integration of research and education in undergraduate institutions.

- Proposal Types:
  - Regular research
  - Multi-user instrumentation
  - Research Opportunity Awards

- Eligibility Information:
  - Institutions that award an average of 10 or fewer Ph.D. or D.Sc. degrees per year in all NSF-supportable disciplines

NSF Graduate Teaching Fellows in K-12 Education (GK-12)

- Program Solicitation: NSF 06-556

- Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5472

- Tentative Deadlines:
  - Letter of Intent: Early May 2007
  - Full Proposal: Mid June 2007

- Contact Information:
  - Sonia Ortega (EHR):
  - Phone: (703) 292-5198
  - E-mail: sortega@nsf.gov
  - Carolyn Piper (EHR)
  - Phone: (703) 292-8697
  - E-mail: cpiper@nsf.gov

NSF Graduate Teaching Fellows in K-12 Education (GK-12)

- Program Goals:
  - Provides funding to graduate students in NSF-supported science, technology, engineering, and mathematics (STEM) disciplines to acquire additional skills that will broadly prepare them for professional and scientific careers in the 21st century.
  - Expected outcomes include improved communication, teaching and team building skills for the fellows; professional development opportunities for K-12 teachers; enriched learning for K-12 students; and strengthened partnerships between institutions of higher education and local school districts.

NSF Graduate Teaching Fellows in K-12 Education (GK-12)

Eligibility Information

- Only academic institutions in the United States and its territories that grant masters or doctoral degrees in STEM disciplines supported by the National Science Foundation (NSF) may submit proposals.

- The PI must be a faculty member at the lead institution in a STEM discipline.

- One proposal per institution, either New or Continuing for any one competition.

NSF Graduate Teaching Fellows in K-12 Education (GK-12)

- Award Information:
  - Anticipated Type of Award: Continuing Grant
  - Estimated Number of Awards: 25 including New and Continuing projects.
  - Anticipated Funding Amount: $16,000,000 approximately in FY 2007.

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

- Program Solicitation: NSF 05-584 (New Solicitation under development)

- Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5383

- Deadlines: Not yet published

- Contact Information:
  - Alice Hogan (SBE): (703) 292-7238; ahogan@nsf.gov

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

- Program Goal:
  - Increase the representation and advancement of women in academic S&E careers, thereby contributing to the development of a more diverse S&E workforce.

- Types of Awards:
  - Institutional Transformation Awards
  - Leadership Awards
  - Partnerships for Adaptation, Implementation, and Dissemination Awards

Human and Social Dynamics (HSD)

- Program Solicitation: NSF 06-604

- Program Website:
  http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11678&from=fund

- Deadlines:
  - January 23, 2007: Exploratory Research and HSD Research Community Development Proposals
  - February 7, 2007: Type 2 Full Research Proposals
  - February 21, 2007: Type 1 Full Research Proposals

Human and Social Dynamics (HSD)

- Goal: Aims to stimulate and support growth in knowledge about human action and development as well as organizational, cultural and societal adaptation and change

Fourth Year Emphases:
  - Agents of Change (AOC)
  - Dynamics of Human Behavior (DHB)
  - Decision Making, Risk, and Uncertainty (DRU)

Human and Social Dynamics (HSD)

- Award Information:
  - Anticipated Type of Award: Standard Grant
  - Estimated Number of Awards: 75 to 100
  - Anticipated Funding Amount: $55,000,000

NSF Websites

National Science Board	http://www.nsf.gov/nsb/
Director/Deputy Director	http://www.nsf.gov/od/
Inspector General	http://www.nsf.gov/oig/
Office of Cyberinfrastructure	http://www.nsf.gov/dir/index.jsp?org=OCI
Office of International Science and Engineering	http://www.nsf.gov/div/index.jsp?div=OISE
Office of Equal Opportunity Programs	http://www.nsf.gov/od/oeo/index.jsp
Office of Legislative and Public Affairs	http://www.nsf.gov/od/lpa/index.jsp
Office of the General Counsel	http://www.nsf.gov/od/ogc/index.jsp
Office of Polar Programs	http://www.nsf.gov/dir/index.jsp?org=opp
Office of Integrative Activities	http://www.nsf.gov/od/oia/index.jsp
Biological Sciences	http://www.nsf.gov/dir/index.jsp?dir=BIO
Social, Behavioral & Economic Sciences	http://www.nsf.gov/dir/index.jsp?dir=SBE
Computer & Information Science & Engineering	http://www.nsf.gov/dir/index.jsp?dir=CISE
Education & Human Resources	http://www.nsf.gov/dir/index.jsp?dir=EHR
Engineering	http://www.nsf.gov/dir/index.jsp?dir=ENG
Budget, Finance & Award Management	http://www.nsf.gov/bfa/
Geosciences	http://www.nsf.gov/dir/index.jsp?dir=GEO
Information Resource Management	http://www.nsf.gov/oirm/
Mathematical & Physical Sciences	http://www.nsf.gov/dir/index.jsp?dir=MPS